

**AUGUST 2001 FIRE COMPLEX  
BURNED AREA EMERGENCY STABILIZATION REHABILITATION PLAN**

**PART F - SPECIFICATIONS**

<b>SPECIFICATION TITLE:</b>	<b>NOXIOUS WEED CONTROL</b>	<b>AGENCY:</b>	<b>BLM Elko F.O.</b>
<b>PART E LINE ITEM:</b>	<b>#21 V-4 Non-native Invasive Plant Control</b>	<b>FISCAL YEAR(S) (list each year):</b>	<b>2002 - 2004</b>

**I. WORK TO BE DONE**

**Number and Describe Each Task:**

- A. General Description:** Control non-native invasive weed infestations within the August 2001 Fire complex at timing that is appropriate for the weed species. Control of these Nevada Listed noxious weeds needs to be conducted or they will spread into non-infested areas of the burns. Utilize integrated pest management techniques (herbicides, biological, mechanical and cultural control methods) as appropriate to prevent the spread and establishment of noxious weeds within the fire area.
- B. Location (Suitable) Sites:** Control all noxious weed populations along road systems, riparian areas, and suppression related sites within the fire area. Control sites identified include but are not limited to areas around Buffalo, Coyote, Hot Lake, North Delano, Sheep, Stag Mountain and Tabor Fires. BLM control efforts should be conducted along all major road systems but in accordance with area closures and safety guidelines.
- C. Design/Construction Specification (number and describe each task):**
1. Control non-native invasive weeds identified during BLM monitoring surveys. Use truck mounted sprayers, ATV mounted sprayers, or backpack sprayers (depending on access and ability for Contractor or BLM crew to reach infestations), to apply herbicides to the noxious weed populations. All spraying will be in accordance with guidelines contained within BLM management plans and approved Environmental Assessments using BLM approved herbicides.
  2. Hand grub noxious weeds where appropriate such as at springs and along perennial creeks. Work to be conducted by Nevada Division of Forestry, Carlin Conservation Camp or BLM crews.
  3. Follow-up control in subsequent years on all new infestation sites as identified through noxious weed monitoring surveys.
- D. Purpose of Treatment Specification:** Protect the ecological integrity and site productivity of juniper, riparian, and shrub-steppe plant communities within BLM lands in accordance with established management plan guidelines. To prevent or reduce the spread of Nevada listed noxious weeds into non-infested areas of burned and non-burned areas. To control existing populations of noxious weeds in the burned areas. Control of noxious weeds is allowed under BLM Policy and the Programmatic Environmental Assessment of Integrated Weed Management on Bureau of Land Management Lands, BLM/EK/PL-98/008, NV-060-EA87-39 and NV-020-08-11.

**II. LABOR, MATERIALS AND OTHER COST:**

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► <b>PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).</b>	<b>COST/ITEM</b>
GS-9 @ \$3000/month x 1.5 months x 1 years	\$4,500.00
2 GS-7 Seasonals (2 Technicians), @ \$2,250/month x 1 months x 1 years	\$4,500.00
<b>TOTAL PERSONNEL SERVICE COST</b>	<b>\$9,000.00</b>
► <b>EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of House X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.</b>	<b>COST/ITEM</b>
Vehicle cost @ \$1000/month x 1 month x 2 vehicles x 1 years	\$2,000.00
Vehicle cost @ .17 per mile x 3000 miles x 1 years	\$510.00
Vehicle fuel cost @ \$40 per day x 30 days x2 vehicles x 1 years	\$2,400.00
<b>TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST</b>	<b>\$4,910.00</b>
► <b>MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item: (Costs/item below could vary between \$30 and \$70.)</b>	<b>COST/ITEM</b>
Treatment Chemicals @ \$50.00/acre x 28 acres x 1 year	\$1,400.00
<b>TOTAL MATERIALS AND SUPPLY COST</b>	<b>\$1,400.00</b>
► <b>TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:</b>	<b>COST/ITEM</b>
<b>TOTAL TRAVEL COST</b>	<b>N/A</b>
► <b>CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item): Contract costs vary depending on weed species, herbicide used, method of application (variable costs), and how many sites the contractor has to visit (fixed cost). Costs/item below could vary between \$50 and \$200.</b>	<b>COST/ITEM</b>
Contractor-Spot treatment Weed Control @ \$125.00 /ac x 28 ac x 1 yr	\$3,500.00
<b>TOTAL CONTRACT COST</b>	<b>\$3,500.00</b>

#### SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2002	acres	\$223.93	28	\$18,810.00	ESR	P C
FY 2003	acres	\$223.93	28	\$18,810.00	ESR	P C
FY 2004	acres	\$223.93	28	\$18,810.00	ESR	P C
<b>TOTAL:</b>	<b>acres</b>	<b>\$671.90</b>	<b>84</b>	<b>\$56,430.00</b>	<b>ESR</b>	<b>P C</b>

#### FUNDING SOURCES:

**F** = Fire Suppression Account

**ESR** = Emergency Stabilization Rehabilitation

**OP** = Agency Operating Fund

**O** = Other

#### METHODS:

**P** = Agency Personnel Services

**C** = Contract (Long-Term)

**EFC** = Emergency Fire Contract

**FC** = Crew Labor Assigned to Fire

#### SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	

2. Documented cost figures from similar project work obtained from local agency sources.	C
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P
5. No cost estimate required - cost charged to Fire Suppression Account.	

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

### III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

**List Relevant Documentation and Cross-Reference Location within BAER Report:** See Vegetation Assessment, Appendix I; SEE MAP INDEX, Treatment Section

### IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Buffalo	15 acres	\$10,076.70
Coyote	15 acres	\$10,076.70
Hot Lake	3 acres	\$2,015.34
North Delano	15 acres	\$10,076.70
Sheep	30 acres	\$20,153.88
Stag Mountain	3 acre	\$2,015.34
Tabor	3 acres	\$2,015.34
<b>TOTAL COST</b>	<b>84 acres</b>	<b>\$56,430.00</b>

### V. TOTAL COST BY JURISDICTION

JURISDICTION	UNITS TREATED	COST
BLM	84	\$56,430.00
<b>TOTAL COST</b>		<b>\$56,430.00</b>